

Jackson Street Shops,
Chimney
Jackson Street, Pennsylvania Avenue
St. Paul
Ramsey County
Minnesota

HABS No. MN-67-F

*HABS
MINN,
62-5A1PA,
17-F-*

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Buildings Survey
National Park Service
Rocky Mountain Regional Office
Department of the Interior
P.O. Box 25287
Denver, Colorado 80225

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HISTORIC AMERICAN BUILDING SURVEY

JACKSON STREET SHOPS
CHIMNEY

HABS No. MN-67-F

Location: Jackson Street and Pennsylvania Avenue, St. Paul,
Ramsey County, Minnesota.

USGS St. Paul East Quadrangle, Universal
Transverse Mercator Coordinates: Zone 15,
491920.4878640; 492560.4878640; 492560.4878540;
492300.4878540; 492140.4878400; 491920.4878400

Present Owner: Burlington Northern Railroad Company
176 East Fifth Street
St. Paul, Minnesota 55164

Present Occupant: Not used.

Present Use: Not used.

Significance: The Jackson Street Shops are the oldest standing
stone railroad shops in Minnesota. The shops
were built for the St. Paul, Minneapolis and
Manitoba Railway, precursor of the Great Northern
Railway, owned and operated by James J. Hill and
are one of the few remaining examples of "machine
shop" limestone architecture. The brick chimney
served the boiler plant connected to the Machine
Shop which provided steam to the original shop
complex.

PART I. HISTORICAL INFORMATION

A. Physical History

1. Date of Erection: 1882. The Chimney was constructed as a part
of the original Jackson Street Shop complex, particularly the
Machine Shop to which it was originally attached.
2. Original and subsequent owners:
 - a. St. Paul, Minneapolis and Manitoba Railway
 - b. Great Northern Railway (name change 1890)
 - c. Burlington Northern Railroad Company (merger)
3. Original Plans and Construction: No original plans have
survived. Plans of the Machine shop for 1950-1964 are on file
at Burlington Northern Railroad Company, 176 East Fifth Street,
St. Paul, Minnesota 55164 which show the chimney location and
connecting structures which have been demolished.

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4. Alterations and Additions: The Chimney is the only structure remaining from the boiler plant that served the Machine Shop. The chimney breeching has been bricked in together with the cleanout doors. The connecting structure to the Machine Shop was partially demolished by 1956.
- B. Historical Context: The Chimney is a part of the complex of machine shops built to service the trains of the Railroad. It has long been a distinguishing landmark in the complex. The Great Northern Railroad played an important part in linking the eastern trade markets and culture with the agricultural frontier to the West.

PART II. ARCHITECTURAL INFORMATION

- A. General Statement: The character of the Chimney has been preserved in its limestone base and brick superstructure.
- B. Description of the Exterior:
 1. Overall Dimensions: 13 ft. by 13 ft., 115-120 ft. overall height
 2. Construction:
 - Limestone sub-base
 - Brick, English Board masonry
 - Square base, octagonal trunk, cylindrical stack
 3. Openings:
 - North, large arched access
 - East, small arched opening bricked-in
 - South, large arched opening bricked-in

PART III. SOURCES OF INFORMATION

A. Bibliography:

Hopkins Real Estate Atlas, 1885, plate 8.

Rascher Insurance Atlas, 1891, vol. 1, plate 59.

Sanborn Insurance Atlas, 1903, vol. 3, plate 468.

Sanborn Insurance Atlas, 1926, vol. 1, plate 46.

Sanborn Insurance Atlas, 1956, vol. 1, plate 46.

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University of Minnesota
March 1985

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PART IV. PROJECT INFORMATION

This project was prepared as a class project for Architecture 5142, Historic Building Research and Documentation, a class offered in the School of Architecture and Landscape Architecture at the University of Minnesota, Minneapolis, Minnesota. The class project was prepared under the direction of Professor Foster W. Dunwiddie and was funded by a grant from the State Historic Preservation office of the Minnesota Historical Society, Saint Paul, Minnesota. Historical data compiled and measured drawings prepared by Kurt Dubbe and Richard McLaughlin, University of Minnesota, March, 1985.